The Lepidopterological Society of Japan

Vol. 60 2009–2010

蝶と蛾

Transactions of the Lepidopterological Society of Japan

日本鱗翅学会発行
Published by the
Lepidopterological Society of Japan

NII-Electronic Library Service

The Lepidopterological Society of Japan

CONTENTS OF VOLUME 60

阿部　東・阿部玲子：マレーシア産キララシジミ亜科9種 (鱗翅目, シジミチョウ科) の染色体調査
ABE, A. and R. ABE: A chromosome survey of nine species of Poritiinae (Lepidoptera, Lycaenidae) from Malaysia 211

ARITA, Y., M. KIMURA and M. OWADA: Two new species of the clearwing moth (Sesiidae) from Okinawa-jima, the Ryukyus 189

CHIBA, H. and H. TSUKIYAMA: Scobura cephala (Hewitson, 1876), a newly recorded skipper from the Malay Peninsula (Lepidoptera, Hesperiidae) 252

福田晴男・美ノ谷憲久・新川　勉：紀伊山地産ホシミスジの亜種帰属について—日本産ホシミスジの1新亜種
FUKÚDA, H., N. MINOTANI and T. SHINKAWA: Notes on subspecies reversion of *Neptis pryeri* (Lepidoptera, Nymphalidae) in the Kii Mountains—Description of a new subspecies from Japan 254

FUNAHASHI, K.: A revision of *Delias* nais and *D. zebra* (Lepidoptera, Pieridae) on the island of New Guinea 237

HARADA, M., Y. OHSHIMA, Y. YOSHIDA and M. WANG: Report of surveys on the early stages of butterflies in the Nanling area (1) 117

INOUE, T.: Effects of temperature on the development of overwintering pupae of *Pelopidas jansonis* (Butler) (Lepidoptera, Hesperiidae) 196

INOUE, T.: Sap visiting behavior of *Ladoga glorifica* (Fruhstorfer) adult (Lepidoptera, Nymphalidae) 79

ITOH, T., K. HIRANO and K. WATANABE: Genetic distances among *Oeneis norna*, *O. polixenes*, *O. bore* and *O. melissa* (Satyridae) based on mitochondrial DNA (*ND1*) partial sequences 293

加藤義臣: アカボシゴマダラ (名義亜種) 幼虫における低温による発育プログラムの変更
KATO, Y: Modification of larval developmental program by low temperature in the alien nymphalid butterfly *Hestina assimilis assimilis* inhabiting Kanagawa Prefecture, central Japan 128

加藤義臣・大日向健人・中　秀司:「神奈川県産」アカボシゴマダラの季節型決定における温度と日長の役割
KATO, Y., OHINATA, K. and H. NAKA: Role of temperature and photoperiod in seasonal morph determination in the nymphalid butterfly *Hestina assimilis assimilis* inhabiting Kanagawa Prefecture, central Japan 1

北原　曜: スジグロシロチョウとエゾスジグロシロチョウの種間関係 (I) 人工交雑の結果
KITAHARA, H.: Interspecific relationship between *Pieris melete* and *P. napi* (Lepidoptera, Pieridae) (I) Results of artificial hybridizing 81

城内穂積・白井和伸：2003年, 極東ロシア沿海州, ハンカ湖とその周辺の蝶
KIUCHI, H. and K. SHIRAI: Butterflies from Lake Khanka and the vicinity, Primorye, Far-East of Russia. 222

KOBAYASHI, T., M. KITAHARA, Y. SUZUKI and S. TACHIKAWA: Assessment of the habitat quality of the threatened butterfly, *Zizina emelina* (Lepidoptera, Lycaenidae) in the agro-ecosystem of Japan and implications for conservation 25

KOBAYASHI, T., M. KITAHARA and T. NAKASHIZUKA: Effects of *Celtis sinensis* and *Quercus acutissima* afforested area on a population of the near-threatened butterfly, *Sasakia charonda* (Lepidoptera, Nymphalidae) in central Japan 152

MIRONOV, V. G. and A. C. GALSWORTHY: A survey of the genus *Eupithecia* (Lepidoptera, Geometridae) in mainland South East Asia: Part I 93

MIRONOV, V. G. and A. C. GALSWORTHY: A survey of the genus *Eupithecia* (Lepidoptera, Geometridae) in mainland South East Asia: Part II 167

MIRONOV, V. G. and A. C. GALSWORTHY: *Eupithecia hollowayi* sp. n. (Leoidptera, Geometridae) from Borneo 289

NII-Electronic Library Service

The Lepidopterological Society of Japan

NAKAMURA, M.: Pupae of Japanese Sesiidae (Lepidoptera) 63

NAKAMURA, N., H. WAKAHARA and T. MIYAMOTO: Notes on the butterflies of Laos (V): description of a new subspecies of *Faunis aerope* (Leech, 1890) (Lepidoptera, Nymphalidae, Morphinae) from a montane area of Central Laos 277

OKUBO, K.: A new species of *Elymnias* Hübner, 1818 (Lepidoptea, Nymphalidae, Satyrinae) from Sumbawa Island, the Lesser Sunda Islands, Indonesia and a record of *E. vitellia viminalis* Wallace, 1869 255

OKUBO, T., M. YAGO and T. ITIOKA: Immature stages and biology of Bornean *Arhopala* butterflies (Lepidoptera, Lycaenidae) feeding on myrmecophytic *Macaranga* 37

ÔMURA, H., M. WATANABE and K. HONDA: Cuticular hydrocarbons of larva and pupa of Reverdin's blue, *Lycaeides argyrognomon* (Lycaenidae) and its tending ants 203

瀬田和明: 荒川江北橋緑地のチョウ類群集
SETA, K.: Butterfly communities in Kouhoku-bashi open space of the Arakawa river basin 145

SHIBATA, H. and M. IMAFUKU: Off-host oviposition by two fritillary species (Nymphalidae, Argynninae) and its relation to egg predation 268

荘司　愛・足立　康・中　秀司・安藤　哲・有田　豊：ブドウスカシバの秋期における採集記録及び性誘引物質の記録
SHOJI, A., Y. ADACHI, H. NAKA, T. ANDO and Y. ARITA: *Nokona regalis* (Lepidoptera, Sesiidae): a late collection record in autumn and a sex attractant 193

TAKEUCHI, T.: Daily dynamics of contest behaviour in the territorial butterfly *Chrysozephyrus smaragdinus* (Bremer) (Lepidoptera, Lycaenidae) 161

田下昌志: 里山の管理とチョウ群集の多様性
TASHITA, M.: Changes of the butterfly assemblage according to the human actions around the rural zone in Nagano Prefecture 52

津吹　卓・瀬田和明: 温室内におけるカバタテハの睡眠に関する行動と環境条件
TSUBUKI, T. and K. SETA: The sleeping behavior of *Ariadne ariadne pallidior* Fruhstorfer (Lepidoptera, Nymphalidae) in relation to environmental factors in the greenhouse 135

WANG, H.-S., M. WANG and X.-L. FAN: Surface morphology of eggs of *Numenes albofascia* (Lepidoptera, Lymantriidae) 285

WANG, M. and M. OWADA: Description of a new species of the genus *Ussuriana* Tutt (Lepidoptera, Lycaenidae) from China 125

矢後勝也・中原真一・阿部　渉・磯畑芳樹・友国雅章・上島　励: 関東におけるヤクシマルリシジミの発見および生態, 形態と分子解析に基づいた分散経路の推定
YAGO, M., S. NAKAHARA, W. ABE, Y. ISOHATA, M. TOMOKUNI and R. UESHIMA: A discovery of *Acytolepis puspa* (Lepidoptera, Lycaenidae) in the Kanto district, Japan: a geographical range extention, dispersal pathway inferred from ecology, morphology and molecular analyses 9

YAGO, M., T. MIYAGAWA, J. YOKOYAMA and M.WILLIAMS: Life history of the Guatemalan Copper, *Iophanus pyrrhias* (Godman & Salvin) (Lepidoptera, Lycaenidae) 259

NII-Electronic Library Service